

CLAIMS:

1. Television system comprising a tuner for tuning video signals, a controller for controlling said tuner, and a stage for receiving tuned signals from said tuner and for supplying at least one control signal to said controller, wherein said stage comprises a phase-locked-loop, with said control signal comprising a lock signal originating from said phase-locked-loop.
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2. Television system according to claim 1, wherein said television system comprises a synchronization generator for synchronizing video signals originating from said stage and for supplying at least one synchronization signal to said controller which comprises
10 a switch for, in dependence of said lock signal, taking into account said synchronization signal or not.
3. Television system according to claim 2, wherein said controller, in a fast tuning mode, controls said tuner such that one or more frequencies nearby one or more active
15 channels are detected, with said controller, in a fine tuning mode, controlling said tuner such that one or more channel frequencies are identified.
4. Television system according to claim 3, wherein said stage comprises an intermediate frequency stage for supplying said control signal further comprising a fine
20 tuning signal to said controller.
5. Television system according to claim 4, wherein a number of channels are predefined channels in accordance with a frequency table.
- 25 6. Television system according to claim 5, wherein said lock signal is a phase-locked-loop lock bit derived from an alternating current content of an oscillator input signal in said phase-locked-loop.

7. Controller for use in television system comprising a tuner for tuning video signals and said controller for controlling said tuner and a stage for receiving tuned signals from said tuner and for supplying at least one control signal to said controller, wherein said stage comprises a phase-locked-loop, with said control signal comprising a lock signal
5 originating from said phase-locked-loop.

8. Controller according to claim 7, wherein said television system comprises a synchronization generator for synchronizing video signals originating from said stage and for supplying at least one synchronization signal to said controller which comprises a switch for,
10 in dependence of said lock signal, taking into account said synchronization signal or not.

9. Method for use in television system comprising a tuner for tuning video signals and a stage for receiving tuned signals from said tuner, which method comprises the step of controlling said tuner in response to at least one control signal originating from said
15 stage, wherein said stage comprises a phase-locked-loop, with said control signal comprising a lock signal originating from said phase-locked-loop.

10. Processor program product for use in television system comprising a tuner for tuning video signals and a stage for receiving tuned signals from said tuner, which processor
20 program product comprises the function of controlling said tuner in response to at least one control signal originating from said stage, wherein said stage comprises a phase-locked-loop, with said control signal comprising a lock signal originating from said phase-locked-loop.